

The Claims:

The claims as set forth below:

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A composition comprising:  
one or more plant protease, and/or one or more animal protease, wherein said one or more plant protease and/ or animal protease have a total concentration of 20% to 60% by weight of active constituents in the composition,  
antioxidants comprising vitamins having antioxidant activity, and selenium-containing substances,  
one or more flavonoids and/or one or more flavonoid-containing substances, wherein said flavonoids and/or flavonoid-containing substances have a total concentration of 10% to 50% by weight of active constituents in the composition, and optionally,  
one or more amino acids, one or more polysaccharides, or combinations thereof.
2. (Previously Presented) The composition of claim 1 comprising one or more amino acids.
3. (Previously Presented) The composition of claim 1 comprising one or more polysaccharides.
4. (Previously Presented) The composition of claim 1 comprising one or more amino acids and one or more polysaccharides.
5. (Previously Presented) The composition of claim 1,

further comprising one or more polyphenols.

6. (Previously Presented) The composition of claim 5 comprising one or more amino acids and/or one or more polysaccharides.

7. (Previously Presented) The composition of claim 1, wherein said composition comprises one or more plant protease and/or one or more animal protease and one or more amino acids; one or more plant protease and/or one or more animal protease and one or more polysaccharides; or one or more plant protease and/or one or more animal protease, one or more amino acids and one or more polysaccharides.

8. (Previously Presented) The composition of claim 1, wherein the composition comprises one or more plant protease and one or more animal protease.

9. (Previously Presented) The composition of claim 1, wherein the plant protease(s) is/are bromelain, bromelain-containing pineapple extracts, papain, papain-containing papaya extracts or combinations thereof, and the animal protease(s) is/are trypsin or chymotrypsin or combinations thereof.

10. (Previously Presented) The composition of claim 1, wherein the vitamin(s) having antioxidant activity is/are selected from vitamin A, C and E or the esters of vitamin A and E.

11. (Previously Presented) The composition of claim 1, wherein the selenium-containing substance(s) having antioxidant activity is/are selenium yeast, alkali metal selenites or alkaline earth metal selenites.

12. (Previously Presented) The composition of claim 1, wherein the flavonoid(s) is/are flavones, flavonols, flavanols, or isoflavanols.

13. (Previously Presented) The composition of claim 1, wherein the flavonoids comprise quercetin, rutin, hesperetin, pinocembrin, taxifolin, chrysin, luteolin, kaempferol, and/or rhamnetin.
14. (Previously Presented) The composition of claim 1, wherein the flavonoid-containing substance(s) is/are onion powder, buckwheat extracts, grapeseed flavonoids or citrus flavonoids.
15. (Previously Presented) The composition of claim 1, wherein said composition further comprises the ubiquinone coenzyme Q10.
16. (Previously Presented) The composition of claim 1, wherein the composition further comprises carotenoids, wherein said carotenoids are carotene, lycopene, neurosporin, phytofluene, phytoene, xanthophyll, violaxanthin, crocetin, astaxanthin, and/or capsanthin.
17. (Previously Presented) The composition of claim 2, wherein the amino acid(s) is/are L-arginine, acid addition salts of L-arginine, glycine, L-glutamine, amides of L-glutamine, L-methionine or combinations thereof.
18. (Previously Presented) The composition of claim 3, wherein the polysaccharide(s) are amylose, pustulan, dextran, amylopectin, cellulose, arabans, fructans, glucans, mannans, glycogen, chitin, pectins or combinations thereof.
19. (Previously Presented) The composition of claim 16 comprising papain, bromelain, lycopene, vitamin E acetate, vitamin A acetate and sodium selenite as active constituents.
20. (Previously Presented) The composition of claim 16 comprising papain, bromelain,

lycopene, vitamin E acetate,  $\beta$ -carotene, grapeseed flavonoids and sodium selenite as active constituents.

21. (Previously Presented) The composition of claim 14 comprising papain, bromelain, vitamin E acetate, a rutin-containing buckwheat extract, quercetin-containing onion powder and L-arginine as active constituents.

22. (Previously Presented) The composition of claim 6 comprising papain, bromelain,  $\beta$ -carotene, citrus flavonoids,  $\beta$ -glucan and L-arginine as effective constituents.

23. (Previously Presented) The composition of claim 9 comprising trypsin or chymotrypsin or pepsin; trypsin and chymotrypsin; trypsin and chymotrypsin and pepsin; chymotrypsin and pepsin; trypsin and pepsin.

24. (Currently Amended) A food product for food supplementation comprising following active ingredients of a food supplement

one or more plant protease, and/or one or more animal protease,  
antioxidants comprising vitamins having antioxidant activity, and selenium-containing substances,

one or more flavonoids and/or one or more flavonoid-containing substances, and optionally,

one or more amino acids, one or more polysaccharides, or combinations thereof,  
wherein the food supplement results in said food product, which contributes to a balanced diet, strengthens the immune defenses or the body's defenses, treats inflammatory and inflammatory-rheumatic disorders, regulates the immune system in situations of physical and/or mental stress, strengthens the immune system before, during and/or after an oncolytic treatment or reduces the risk of tumor recurrences and secondaries.

25. (Previously Presented) A medicament comprising the composition of claim 1, wherein said medicament strengthens the immune defenses or the body's defenses, treats inflammatory and inflammatory-rheumatic disorders, regulates the immune system in situations of physical and/or mental stress, strengthens the immune system before, during and/or after an oncolytic treatment or reduces the risk of tumor recurrences and secondaries.

26. - 27. (Cancelled)

28. (Previously Presented) A dietetic treatment method comprising administering to a patient in need for such a treatment the composition of claim 1.

29. (Previously Presented) The method of claim 28, wherein said administration contributes to a balanced diet, regulates the immune system in situations of physical and/or mental stress, strengthens the immune defenses or the body's defenses, treats inflammatory and inflammatory-rheumatic disorders, strengthens the immune system before, during and/or after an oncolytic treatment or reduces the risk of tumor recurrences and secondaries.

30. (Previously Presented) A method for supplementing a persons food comprising administering to such a person the composition of claim 1.

31. (Previously Presented) The method of claim 30, wherein said administration contributes to a balanced diet, regulates the immune system in situations of physical and/or mental stress or strengthens the immune defenses or the body's defenses.

32. (Previously Presented) The composition of claim 11, wherein said alkali metal selenite is sodium selenite.

33. (Previously Presented) The composition of claim 32, wherein said at least one selenite

*Appl. No. 10/555,244  
Response*

is present in a concentration of 0.01 to 0.1% by weight, based on the total amount of active constituents.

34. (Cancelled)

35. (Previously Presented) The composition of claim 13, wherein the flavonoids are rutin, taxifolin and/or luteolin.

36. (Previously Presented) The composition of claim 1, wherein said antioxidants in (a) further comprise carotenoids and/or ubiquinones.

37. (Previously Presented) The composition of claim 8, wherein the at least one plant protease is papain and the at least one animal protease is chymotrypsin.

38. (Previously Presented) The composition of claim 11, wherein the alkaline earth metal selenites are magnesium selenite, ammonium selenite, or the corresponding selenates.

39. (Previously Presented) The composition of claim 18, wherein the polysaccharide(s) is  $\beta$ -glucan.

40. (Previously Presented) The composition of claim 32, wherein the one or more plant protease, and/or one or more animal protease comprise at least two of bromelain, papain, trypsin or chymotrypsin.

41. (New) The food product of claim 24, wherein said food supplement comprises:  
said one or more plant protease, and/or one or more animal protease in a total concentration of 20% to 60% by weight of active constituents in the food supplement.